

VREX-0023USAAON00

CLAIMS

1. (Currently Amended) A film for forming a 3D image display body, for developing a 3D image containing right-eye image display portions and left-eye image display portions in mixture, ~~characterized in that~~ said film comprising:

a laminate phase difference film is formed by laminating, on a transparent support, a plurality of phase difference films ~~such as polycarbonate film or stretched PVA film~~ having birefringence in such a fashion that the optical axes thereof cross one another;

predetermined portions of said laminate phase difference film are removed;

~~an appropriate~~ a synthetic resin is packed into said removed portions and are set to said right-eye image display portions, said synthetic resin having a refractive index equal to the refractive index of said phase difference film; and

portions of said laminate phase difference film other than said right-eye image display portions are set to said left-eye image display portions.

2. (Currently Amended) A film for forming a 3D image display body, for developing a 3D image containing right-eye image display portions and left-eye image display portions in mixture, characterized in that:

a laminate phase difference film is formed by laminating, on transparent support, a plurality of phase difference films ~~such as a polycarbonate film or stretched PVA film~~ having birefringence in such a fashion that the optical axes thereof cross one another;

predetermined portions of said laminate phase difference film are removed;

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~~an appropriate~~ a synthetic resin is packed into said removed portions and are set to said left-eye image display portions, said synthetic resin having a refractive index equal to the refractive index of said phase difference film; and

portions of said laminate phase difference film other than said left-eye image display portions are set to said right-eye image display portions.

3. (Currently Amended) A method of producing a 3D image display body for developing a 3D image containing right-eye image display portions and left-eye image display portions in mixture, comprising the steps of:

depositing a laminate phase difference film formed by laminating, on a transparent support not having birefringence, a plurality of phase difference films ~~such as a polycarbonate film or stretched PVA film~~ having birefringence in such a fashion that the optical axes thereof cross one another;

removing predetermined portions of said laminate phase difference film;

juxtaposing a plurality of grooves in such a fashion as to extend from one of the sides of said phase difference film to the other;

packing ~~an appropriate~~ a resin into said groove, said resin having a refractive index equal to the refractive index of said phase difference film; and

laminating or bonding a display member with, or to, said laminate phase difference film after packing of said synthetic resin.

4. (New) The film of claim 1 wherein said plurality of phase difference films is polycarbonate film.

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5. (New) The film of claim 1 wherein said plurality of phase difference films is stretched PVA film.
6. (New) The film of claim 2 wherein said plurality of phase difference films is polycarbonate film.
7. (New) The film of claim 2 wherein said plurality of phase difference films is stretched PVA film.
8. (New) The method of claim 3 wherein said plurality of phase difference films is polycarbonate film.
9. (New) The method of claim 3 wherein said plurality of phase difference films is stretched PVA film.